IN THE SPECIFICATION:

Please amend the paragraph beginning at page 1, line 12, as follows:

The present invention relates to a detecting method and a detecting apparatus for detecting internal resistance of a rechargeable battery to be inspected, particularly, for instance, internal resistance of a rechargeable battery to be inspected in a rechargeable battery pack having a control circuit in which one or more of a switching element for charging which is capable of performing ON-~~OF~~OFF control, a switching element for discharging, and a detecting element for detecting a charge-and-discharge current value are accommodated in a charging-and-discharging path of said rechargeable battery.

Please amend the paragraph beginning at page 4, line 15, as follows:

Separately, in the mobile instrument, the load conditioner, the electric vehicle or the hybrid powered automobile, there is often used a rechargeable battery pack having a rechargeable battery therein and which has a control circuit in which one or more of a switching element for charging which is capable of performing ON-~~OF~~OFF control, a switching element for discharging, and a detecting element for detecting a charge-and-discharge current value are accommodated in a charging-and-discharging path of said rechargeable battery. In this case, it is also very important to be able to precisely detect internal resistance-related information of the whole rechargeable battery pack due to abnormality or deterioration of not only the rechargeable battery but also the respective elements in the battery pack.

Please amend the paragraph beginning at page 8, line 21, as follows:

The inspective rechargeable battery includes a rechargeable battery pack having a rechargeable battery therein and which has a control circuit in which one or more of a switching element for charging which is capable of performing ON-~~OF~~OFF control, a switching element for discharging, and a detecting element for detecting a charge-and-discharge current value are accommodated in a charging-and-discharging path of said rechargeable battery.

Please amend the paragraph beginning at page 22, line 2, as follows:

As previously described, the inspective rechargeable battery which is subjected to the detection of internal resistance thereof includes a rechargeable battery accommodated in a rechargeable battery pack having a control circuit in which one or more of a switching element for charging which is capable of performing ON-~~OF~~OFF control, a switching element for discharging, and a detecting element for detecting a charge-and-discharge current value are accommodated in a charging-and-discharging path of said rechargeable battery.

Please amend the paragraph beginning at page 29, line 4, as follows:

[AQUISITION EXPERIMENTS OF DATA OF NORMAL RECHARGEABLE BATTERY, WITH RESPECT TO ~~RELATIONSIP~~ RELATIONSHIP BETWEEN CHARGED ELECTRICITY QUANTITY IN THE CONSTANT VOLTAGE CHARGING MODE AND INTERNAL RESISTANCE]

Please amend the paragraph beginning at page 54, line 15, as follows:

Incidentally, said rechargeable battery whose internal resistance is detected by the detecting apparatus of the present invention includes a rechargeable battery in a rechargeable battery pack having said rechargeable battery and having a control circuit in which one or more of a switching element for charging which is capable of performing ON-~~OF~~OFF control, a switching element for discharging, and a detecting element for detecting a charge-and-discharge current value are accommodated in a charging-and-discharging path of said rechargeable battery.

Please amend the paragraph beginning at page 98, line 8, as follows:

As will be understood from the above description, even when the inspective rechargeable battery is a rechargeable battery in a rechargeable battery pack having a control circuit in which one or more of a switching element for charging which is capable of performing ON-~~OF~~OFF control, a switching element for discharging, and a detecting element for detecting a charge-and-discharge current value are accommodated in a charging-and-discharging path of said rechargeable battery, it is possible to readily detect internal resistance of said rechargeable battery pack at a high precision from a measured value of a charged electricity quantity thereof in the constant voltage charging mode, without necessity of performing a particular operation during the constant current-constant voltage charging regime or consuming a particular period of time for the detection.